People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti:- Karma
Taluk: Karma
District: Ramban
State: Jammu and Kashmir
Geographical Area of the Panchayat Samiti: NA
Population under the Panchayat Samiti: Total 3150
Male: 1610 Female: 1540
Habitat and Topography: Hilly
Climate (Rainfall, Temperature and weather patterns): Sub-Temperate
Land Use (Nine fold classification available with village records): Agriculture/ Own Agriculture
Date, Month and Year of PBR Preparation:
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM): Both

Annexure 1

Name of the Chairperson: Uttam Chand s/o Mulk Raj (Mobile No.: 8492028061)	
:: 31	
nder: Male	
dress: papria Karma	
ea of Specialization: Sarpanch (PRI)	
Name: Abdul Latief s/o Gh. Mohd.	
:: 55	
nder: Male	
dress: Pangli papria	
a of Specialization: Agriculturalist	
Name: Abi Chand s/o Shamu	
e: 65	
nder: Male	
dress: Padder Papria	
a of Specialization: Agriculturalist	
Name: Darshana Devi w/o Poran chand	
e: 40	
nder: Female	
dress: Bajar Karma	
ea of Specialization: House wife	
Name: Koshalya Devi w/o Shekhar Chand	
2: 47	
nder: Female	
dress: pangli papria	
ea of Specialization: Hosuewife	
Name: Rattan Chand s/o Kashir Chand	
2: 73	
nder: Male	
dress: papria	
a of Specialization: Zamindar	
Name: Ghar Chand s/o Rivir Chand	
2: 58	
nder: Male	
dress: Tulang Karma	
a of Specialization: Agriculturalist	

nnexure 2
ist of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biologic esources occurring within the jurisdiction of the village
Name: Abi Chand
ge: 65
ender: Male
ldress: Padder papria
rea of Specialization: Traditional health Care
ocation from which the person accesses biological material: Surrounding Areas
erception of the practitioner on the rtesource status:
edicinal use:
Name : Haja Begum
ge: 71
ender: Female
Idress: Heman karma
rea of Specialization: Ortho traditional Health Care
ocation from which the person accesses biological material: Surrounding Areas
erception of the practitioner on the rtesource status:
edicinal use:
Name: Abdul jabbar
ge: 70
ender: Male
ldress: papria
rea of Specialization: Traditional Health care
ocation from which the person accesses biological material: Surrounding Areas
rception of the practitioner on the rtesource status:
edicinal use:

nnexure 3
ist of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agricultusheries, and foresty
Name: Khushal Singh
ge: 62
ender: Male
ldress: Tulang
rea of Specialization: Horticulture & Agriculture
Name: Rattan chand
ge: 73
ender: Male
Idress: Papria
rea of Specialization: Forestery
Name: Kapoor Chand
ge: 55
ender: Male
Idress: Papria
rea of Specialization: Agriculture
Name: Rajinder Singh
ge: 35
ender: Male
Idress: Papria
rea of Specialization: Veterinary

A	nnexure 1
	etails of schools, colleges, departments, universities, government institutions, non-governmental organization dindividuals involved in the preparation of the PBR
1)	Contact Person:
	Name and Address: Sanjay Sharma C/O MS Karma
2)	Contact Person:
	Name and Address: Rural Department (GRS)
3)	Contact Person:
	Name and Address: Agricultural Department
4)	Contact Person:
	Name and Address: PRI
Ye	ou may add names of more institutions/NGO/Individuals etc, if necessary
_	

Annexure 5 Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing 1 2 3 4 5 6 Local and Scientific Name of Date and resolution of the Detail of collection fee Name and address of the Anticipated mode of the biological material **BMC** and endorsement sharing benefits or S.no Person/Institute/company imposed quantum of benefits shared others Accessed and quantity by the Panchayat

Part II PBR – Formats AGROBIODIVERSITY

Format 1: Crop Plants

1	2	3	4	5	6		7	8	9	10	11	12	13	14	
	Scientific Name	Local Name	Variety				Loca	l Status						G	
Crop				Landscape / Habitat	Approx. area shown	Past	Present	Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Pl ants	Community/ Knowledge Holder	
	Triticum aestivum	Maki	Vegetabl es												
	Triticum aestivum	Kanak													
	Sinapis alba	Sarsoo	Aloo, Sarsoo											_	

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

	Format 2: Fruit Plants													
1	2	3	4	5		6	7	8	9	10	11	12		
Plant	Scientific Name	Local Name	Variety	Landscape /	Landscape / Loca		Source of Seeds/Plants	Season of		Uses	Other details market /	Community /		
Flant	Scientific Name		variety	Habitat	Past	Present	Source of Seeds/Flants	Fruiting	TK	Uses	own use	Knowledge holder		
Apple	Malus domestica	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture		
Pear	Pyrus communis	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture		
Peach	Prunus persica	Asroo	FLA 16/13 July Alberta, Quetta, Florda sum, Florda Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer	nergy	Fresh Fruit		Farmer/ Department of Horticulture		
Apricot	Prunus armeniaca	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Summer	rient and E	Fresh Fruit	Market Ma	Farmer/ Department of Horticulture		
Plum	Prunus saliciana	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocha	Mid hills to High hills	H	[G	Govt. Nursery/ Private Registered Nry	Summer	Provvide Nutrient and Energy	Fresh fruit,	ed in local	Farmer/ Department of Horticulture		
Walnut	Juglans rejia	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy	Pro	Dry Fruit	Consum	Farmer/ Department of Horticulture		
Pomegranate	Punica aranatum	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture		
Fig	Ficus carica	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture		

	Format 3: Fodder Crops / Species													
1	2	3	4	5		6	7	8	9	10				
Plant	Scientific	Local	Landscape / Habitat	Loca	al Status	Source of Plants /	Associated TK	Part	Other	Community / Knowledge holder				
riant	Name	Name	Lanuscape / Habitat	Past	Present	Seeds		Used	details					
Grass														

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

	Format 4: Weeds													
1	2	3	4	5	6		7		9	10	11	12		
Plant	Scientific Name	Local Nama	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if	Management	Associated TK	Other details	Community /		
Fiant		Local Ivallic	Affected crop			Past	Present	any	options	Associated TK	like exotic	Community / Knowledge holder		
Nil														

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

	Format 5: Pests of Crops														
1	2	3	4	5	6	7	8	9	10						
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder						
Nil															

Other details may include possible reasons for insects/animal attack

	Format 6: Markets for Domesticated animals														
1	2	3	4	5	6	7	8	9							
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish							

Note: [1] (D) – day; (M) – month; [2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

	Format 7: Peoplescape														
1	2	3	4	5	6	7	8	9	10	11					
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs					
							SC	Weakness Treatment		210					
							Other			91					

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc
How the community manages the landscapes they use for satisfying different needs, their strategies and perception
How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

	Format 8: Landscape													
	1		2	3	4	5	6	7	8	9	10	11	12	
Major	Major Landscapes Agricultural Fallow		Sub -	Features and	Ownership	General flora	General	User groups	Management	General	Associated	Other	Community	
Agricultural land	Agricultural land Pond Fallow land Nil		Landscapes	approx. area	Ownership	General nora	fauna	Oser groups	practices	uses	TK	details	accessed	
	Nil													

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

	Format 9: Waterscape												
1	2	3	4	5	6	7	8	9	10	11	12	13	
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed	
Natural Rain													

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

	Format 10: Soil type												
1	2	3	4	5	6	7	8						
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information						
Sandy													
Loamy													
Clayey													
Red													

DOMESTICATED BIODIVERSITY

Format 11: FURIT TREES

1	2	3	4	6		7	8	9	10	11	12	13
Plant Type	Scientific	Local	Variety	Landscape/	Local	Status	Source of	Season of	Uses	Associated	Other details market/own	Community/
Trant Type	Name	Name	variety	Habitat	Past	Present	plant/seeds	Fruiting	(usage)	TK	use	Know. holder
Apple	Malus domestica	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh fruit, Juice, Jam etc		Farmer/ Department of Horticulture
Pear	Pyrus communis	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Peach	Prunus persica	Asroo	FLA 16/13 July Alberta, Quetta, Florda sum, Florda Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer	Energy	Fresh Fruit	di/Jammu	Farmer/ Department of Horticulture
Apricot	Prunus armeniaca	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Summer	and	Fresh Fruit	farket Man	Farmer/ Department of Horticulture
Plum	Prunus saliciana	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocha	Mid hills to High hills	R	Ple	Govt. Nursery/ Private Registered Nry	Summer	Provvide Nutrient	Fresh fruit,	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Walnut	Juglans rejia	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy	Prov	Dry Fruit	Consumed	Farmer/ Department of Horticulture
Pomegranate	Punica aranatum	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Fig	Ficus carica	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture

Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.) 1 2 3 4 5 6 7 8 9 10 11 12 Other Local status details Community/ Landscape/ Source of Associated TK Plant Type | Local Name | Scientific Name Variety Uses (usage) Part used market Know. Habitat plant/seeds Holders /own Past Present use Generally held by Kail Pinus wallichiana wild Natural/Wild Timber,Oleoresin Tree Temperate Abundant Abundant stem, root community Timber, Biopesticides, Treatment of skin Generally held by Abundant Tree Deodar Cedrus deodara wild Temperate Natural/Wild Abundant stem, root antifungal infection community Timber, Resin, rosin, Generally held by Pinus roxburghii Natural/Wild Abundant Abundant Tree Chir wild Sub-trophical Stem and needles turpentine oil community Leaves and Timber, Dryb fuit, tender branch lets Generally held by Tree Akhrot Juglans regia wild Sub-trophical Natural/Wild Abundant Rare Stem, leaves, nuts used for tooth Medicinal community care Fruit, Bark and Generally held by Natural/Wild Pyrus pashia Sub-trophical Abundent Abundent Medicinal Trees Kainth wild Leaves community Generally held by Trees Draink Melia azedarach wild Sub-trophical Natural/Wild Abundent Abundent Medicinal Stem/Leaves community Generally held by wild Temperate Natural/Wild Abundent Abundent Fodder Tree Apricot Prunus seed community Used for teeth Generally held by Zanthoxylum Natural/Wild Medicinal Stem, Seed, Bark Shurbs Timbru wild Sub-trophical Rare Rare infection community Healing of Generally held by Shurbs Berberis wild Sub-trophical Natural/Wild Abundent Abundent Medicinal Rasont wounds community

Medicinal

Medicinal

Leaves, stem

Root

Culinary uses

Natural/Wild

Natural/Wild

Abundent

Rare

Abundent

Rare

Pudina

Kandeli

Mentha longifolia

Meconopsis

aculeata

wild

wild

Sub-trophical

Temprate

Herbs

Herbs

Generally held by

community

Generally held by

community

Herbs	Banafsha	viola	wild	Temprate/Sub- trophical	Natural/Wild	Abundent	Abundent	Medicinal	Leaves		Generally held by community
Herbs	Saunf	Foeniculum vulgare	wild	Sub tropical	Natural/Wild	Abundant	Rare	Medicinal	seed		Generally held by community
Herbs	Guchhi	Morchella esculenta	wild	Temperate	Natural/Wild	Rare	Rare	Medicinal	Stem		Generally held by community

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide) Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
Ornamental Tree	Chir	Pinus roxburghii	-	Forest	Non commercial	Ornamental/ Landscaping	Used in eye, ear , throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/ Nurserymen/Gardeners
Ornamental Tree	Dayar	C.deodara		Forest	Non commercial	Ornamental/ Landscaping	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/ Nurserymen/Gardeners
Ornamental Shrub	Mor Pankh	Thuja compacta	-	Nurseries	Non commercial	Ornamental/ Landscaping	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Floriculturists/ Nurserymen/Gardeners
Ornamental Shrub	Hydrangea	Hydrangea macrophylla		Nurseries	Non commercial	Ornamental/ Landscaping	Used for Urinary Tract infections.	Flowers in June-July	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Panj Tara	Largerstromia indica	-	Nurseries	Non commercial	Ornamental/ Landscaping	Astringent, wound healing	Pink flowers	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Nerium	Nerium oleander	-	Nurseries	Non commercial	Ornamental/ Landscaping	Epiplepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Lavender	Lavandula officianalis	-	Nurseries	Non commercial	Ornamental/ Landscaping	Lavender oil used in cosmetic surgery	Flowers in June-July. Highly fragrant.	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Gutta	Tagetes patula	-	Nurseries	Non commercial	Ornamental/ Landscaping	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Gulab	Rosa spp	-	Nurseries	Non commercial	Ornamental/ Landscaping	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/Gardeners

	Format 14: Timber Plants / Trees													
1	2	3	4	4	5	6	7	8	9	10				
Dland Ton	Local Name	Scientific Name	Habitat	Local	status	Wild/ home-	Other	Associated TK	Other details	Community/ Know. holder				
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	uses (multi)	Associated 1K	Other details	Community/ Know. noider				
Tree	Chir	Pinus roxburghii	Sub-trophical	Abundent	Abundent	wild	Resin/Timber			Gernerally, held by community				
Tree	Akhrot	Juglans regia	Sub-trophical	Rare	Rare	wild	Fruit/Timber			Gernerally, held by community				
Tree	Kail	Pinus wallichiana	Temprate	Abundent	Abundent	wild	Medicinal			Gernerally, held by community				
Tree	Deodar	Cedrus deodara	Temprate	Abundent	Abundent	wild	Medicinal			Gernerally, held by community				
Tree	Fir	Abies pindrow	Temprate	Abundent	Rare	wild	Medicinal			Gernerally, held by community				

Format 15: Domesticated Animals

1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/ hybrid)	Features	Method of keeping		ocal ntus	Uses	Associated TK	Commercial rearing	products and	Community Know. Holders
Турс	Name	rvaine	nybria)		ксерінд	Past	Present		TK.	rearing	services	Holders
Sheep	Bhead	Ovis-aries	Local	Small size, rough coat	Flock rearing	Plenty	Rare	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads
Sheep	Bhead	Ovis-aries	Rambouillet cross	Large size, fine wool	Flock rearing	Rare	Plenty	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	Capra-hircus	Local	Small size, low body weight	Flock Rearing	Plenty	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	Capra-hircus	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Rare	Plenty	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	Capra-hircus	Beetal	Large size, high body weight	Flock rearing	Rare	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Cow		Bos taurus										
Buffalo		Bubalus										
Dog		Canis lupus familiaris										
Horse		Equus caballus										
Mule		Equus asinus × Equus caballus										

	Format 16: Culture Fisheries													
1	2	3	4	5	6		7	8	9	10	11	12		
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Loca	Local status		Associated TK	Commercial	Other	Community Know.		
rish Type	Local Ivallic	Scientific Ivame	varicty	reatures	(pond/bheri/talao)	Past	Present	Uses	Associated TK	rearing	details	Holders		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

	Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products												
1	2	3	4	5	6	7	8	9					
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi- annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported					
Nil													

WILD BIODIVERSITY Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5		6	7	8	9	10	11
Diam's Towns	LandNama	Scientific Name	Habit	Habitat	Loca	l status	Commercial / own use	David as Handa d	A into d TIV	Other	Community Knowledge
Plant Type	Local Name	Scientific Name	Нарц	навиас	Past	Present	Commercial / own use	Part collected	Associated TK	details	Holder
Tree	Deodar	Cedrus deodara		Temperate	Abundant	Abundant	Timber,Biopesticides, antifungal	stem, root			Generally held by community
Tree	Chir	Pinus roxburghii		Sub-trophical	Abundant	Abundant	Timber, Resin, rosin, turpentine oil	Stem and needles			Generally held by community
Tree	Kail	Pinus wallichiana		Temperate	Abundant	Abundant	Timber and leaves for mud houses lintel	Stem and needles			Generally held by community
Tree	Akhrot	Juglans regia		Sub-trophical	Abundant	Rare	Timber, Dryb fuit, Medicinal	Stem, leaves, nuts			Generally held by community
Tree	Kau	Olea cuspidata		Sub-trophical	Abundant	Abundant	Diuretic, hypotensive etc.	seed			Generally held by community
Tree	Banj	Quercus incana		Sub-trophical	Abundent	Abundent	Fodder, Fuelwood	Stem, leaves			Generally held by community
Tree	Mohru	Quercus Dilitata		Sub-trophical	Abundent	Rare	Fodder, Fuelwood	Stem, leaves			Generally held by community
Trees	Kainth	Pyrus pashia		Sub-trophical	Abundent	Abundent	Medicinal	Fruit,Leaves,Bark			Generally held by community
Trees	Draink	Melia azedarach		Sub-trophical	Abundent	Abundent	Medicinal	Stem/Leaves			Generally held by community
Tree	Apricot	Prunus			Abundent	Abundent	Medicinal	seed			Generally held by community

Shrub	Bansangla	Litsea umbrosa	Temperate	Abundant	Abundant	Medicinal	Fruit		Generally held by community
Shrub	Trimal	Ficus roxburghii	Sub tropical	Abundant	Rare	Medicinal	Fruit and leaves		Generally held by community
Shrub	Ban Kakri	Podophyllum hexandrum	Temprate	Abundant	Rare	Medicinal	Root		Generally held by community
Shurbs	Timbru	Zanthoxylum	Sub-trophical	Abundant	Rare	Medicinal	Stem, leaves, seed		Generally held by community
Herbs	Sangli Dhoop	Skimmia anquetilia	Temprate	Rare	Rare	Medicinal	Leaves and Root		Generally held by community
Shurbs	Rasont	Berberis	Sub-trophical	Abundent	Abundent	Medicinal	Leaves, roots		Generally held by community
Herbs	Pudina	Mentha longifolia	Sub-trophical	Abundent	Rare	Medicinal	Leaves,stem		Generally held by community
Herbs	Kandeli	Meconopsis aculeata	Temprate	Rare	Rare	Medicinal	Root		Generally held by community
Herbs	Bunafsha	viola canescene	Temprate	Abundent	Rare	Medicinal	Leaves,flower,ste m and bark		Generally held by community
Herbs	Methi	Trigonella foenum- graecum	Sub-trophical	Abundent	Abundent	Medicinal	Stem,Bark		Generally held by community
Herbs	Dhudal	Taraxacum officinale	Sub-trophical	Rare	Rare	Medicinal	Stem,Bark		Generally held by community
	Bankakri	Podophyllum hexandrum							
	Zakm-e-hayat	Bergenia ciliata							

	Format 19: Wild Plant Species of Importance												
1	2	3	4	5	6								
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status								
1	Chir	Pinus roxburghii		Resin/Timber	Abundent								
2	Shisham	Dalbergia sissoo		Timber	Abundant								
3	Akhrot	Juglans regia		Fruit/Timber	Rare								
4	Kau	Olea cuspidata		Timber	Abundant								
5	Banj	Quercus incana		Fooder	Abundant								
6	Mohru	Quercus Dilitata		Fooder	Abundant								
7	Kikar	Acacia Nilotica		Fodder	Abundant								
8	Champ	Alnus nepalensis		Fodder	Abundant								
9	Bunafsha	Viola odorata		Medicinal	Abundant								
10	Kainth	Pyrus pashia		Fodder, firewood, medicinal	Abundant								
11	Rasont	Berberis lycium		medicinal	Abundant								
12	Toon	Toona ciliata		Fuelwood	Abundent								
13	Kuth	Saussurea lappa		Medicinal	Rare								
14	Timbru	zanthoxylum alata		Medicinal	Abundent								
15	Dhaman	Grewia optiva		Fodder	Abundent								
16	Phokda	Ficus palmata		Medicinal	Abundent								
17	Santha	Dodonea viscosa		Fodder, firewood	Abundent								
18	Khirak	Celtis austrelis		Timber, fodder	Abundent								
19	Beri	Zizyphus spp.		Edible, medicinal	Abundent								
20	Bankakri	Podophyllum hexandrum											

	Format 20: Aquatic Diversity; Panchayat: Barron, Block: Batote													
1	1 2 3 4 5 6 7 8 9 10													
Local Name	Scientific Name	Variety	Features	Habitat	at Local Status		Uses	Associated TK	Other Detail	Community/ Knowledge Holder				
Nil	Nil													

	Format 21: Wild Aquatic Plant Species of Importance; Panchayat: Barron, Block: Batote													
S. No.	Local Name	Scientific Name	Variety	Importance	Trends									
1	Nil	Nil	Nil	Nil	Nil									

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb,	Local Name	Scientific Name	Variety	Landscape / Habitat	Local	Status	Associated	Uses (usage)	Part used	Other details market/ own	Community/ Knowledge
Shrub, Tree)	Local Ivallic	Scientific Ivanic	variety	Lanuscape / Habitat	Past	Present	TK	Oses (usage)	1 art useu	use	Holder
Trees	Kainth	Pyrus pashia		Sub-trophical	Abundent	Abundent		Medicinal	Fruit,Bark and Leaves		Generally held by community
Trees	Draink	Melia azedarach		Sub-trophical	Abundent	Abundent		Medicinal	Stem/Leaves		Generally held by community
Tree	Kau	Olea cuspidata		Sub-trophical	Abundent	Abundent		Medicinal	seed		Generally held by community
Tree	Yew	Taxus bacatta		Temperate	Abundent	Abundent		Medicinal	Leaves		Generally held by community
Tree	Apricot	Prunus		Temperate	Abundent	Abundent		Fodder	seed		Generally held by community
Tree	Deodar	Cedrus deodara		Temperate	Abundent	Abundent		Medicinal	root		Generally held by community
Shrub	Bansangla	Litsea umbrosa		Temperate	Abundent	Rare		Medicinal	Fruit		Generally held by community
Shrub	Trimal	Ficus roxburghii		Sub tropical	Abundent	Rare		Medicinal	Fruit and leaves		Generally held by community
Shurbs	Timbru	Zanthoxylum		Sub-trophical	Rare	Rare		Medicinal	Stem,Seed,Bark		Generally held by community
Shurbs	Rasont	Berberis		Sub-trophical	Abundent	Abundent		Medicinal			Generally held by community
Herbs	Pudina	Mentha longifolia		Sub-trophical	Abundent	Abundent		Medicinal	Leaves,stem		Generally held by community
Herbs	Kandeli	Meconopsis aculeata		Temprate	Rare	Rare		Medicinal	Root		Generally held by community
Herbs	Banafsha	viola		Temprate/Sub-trophical	Abundent	Abundent		Medicinal	Leaves		Generally held by community
Herbs	Saunf	Foeniculum vulgare		Sub tropical	Abundant	Rare		Medicinal	seed		Generally held by community
Herbs	Guchhi	Morchella esculenta		Temperate	Rare	Rare		Medicinal	Stem		Generally held by community
	Bankakri	Podophyllum hexandrum									

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide) Other details: Harvesting period /Perennial/annual/seasonal

	Format 23: Wild relatives of Crops														
1	2	3	4	4	5	6	7	8	9	10					
Local	Scientific	A	T. Jan. (H.P.)	Local	Status	Uses	Part	Associated	Odka da da Ta	Comment (Karaballa)					
Name	Name	Associated crop	Landscape / Habitat	Past	Present	(usage)	Used	TK	Other details	Community / Know holder					
Daru	Punica granatum		Sub-trophical	Abundant	Abundant	Medicinal	seed			Gernerally, held by community					
Akhrot	Juglas regia		Temprate/Sub- tropical	Abundant	Abundant	Edible,Medicinal	nut			Gernerally, held by community					
Ban Lehsan	Allium wallichii		Temprate	Rare	Rare	Edible,Medicinal	stem			Gernerally, held by community					
Saunf	Foeniculum vulgare		Sub-trophical	Rare	Rare	Edible,Medicinal	Fruit, Seed			Gernerally, held by community					
wild apricot	Prunus armeniaca		Temprate,Sub- tropical	Abundant	Abundant	Edible,Medicinal	Fruit, Seed			Gernerally, held by community					
Methi	Trigonella foenum- graecum		Subtropical	Abundant	Rare	Edible,Medicinal	Seed			Gernerally, held by community					
Ber	Ziziphus		Subtropical	Abundant	Abundant	Edible,Medicinal	Fruit			Gernerally, held by community					

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

	Format 24: Ornamental Plants													
1	2	3	4	5	6	7	8							
Local Name	Scientific Name	Variety	Habitat	Commercial/ Non-commercial	Associated Tk	Other Details	Community/ Knowledge Holder							
Chir	Pinus roxburghii	-	Terrestial, Intermediate	Non commercial	Used in eye, ear, throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/ Nurserymen/ Gardeners							
Dayar	C.deodara	-	Terrestial, Intermediate	Non commercial	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/ Nurserymen/ Gardeners							
Mor Pankh	Thuja compacta	-	Terrestial, Intermediate	Non commercial	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Floriculturists/ Nurserymen/ Gardeners							
Hydrangea	Hydrangea macrophylla	-	Terrestial, Intermediate	Non commercial	Used for Urinary Tract infections.	Flowers in June-July	Floriculturists/ Nurserymen/ Gardeners							
Panj Tara	Largerstromia indica	-	Terrestial, Intermediate	Non commercial	Astringent, wound healing	Pink flowers	Floriculturists/ Nurserymen/ Gardeners							
Nerium	Nerium oleander	-	Terrestial, Intermediate	Non commercial	Epiplepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/ Gardeners							
Lavender	Lavandula officianalis	-	Terrestial, Sub-Tropical	Non commercial	Lavender oil used in cosmetic surgery	Flowers in June-July. Highly fragrant.	Floriculturists/ Nurserymen/ Gardeners							
Gutta	Tagetes patula	-	Terrestial, Intermediate	Non commercial	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/ Gardeners							
Gulab	Rosa spp	-	Terrestial, Intermediate	Non commercial	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/ Gardeners							

Format 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb,	Local	Scientific			Loca	l Status	Uses		Associated	Other details	Community knowledge
Shrub, Tree)	Name	Name	Variety	Habitat	Past	Present	(usage)	Part used	TK	(mode of use)	holder
	Timbru	Zanthoxylum		sub-trophical			Chewing	Stem,Seed, Bark			Gernerally, held by community
	Kembal	Berberis		Temprate/Sub- trophical			Chewing	Flower,Seed			Gernerally, held by community
	Banna	Vitex Nigundo		Temprate/ Sub- trophical			Chewing	Leaves,Bark			Gernerally, held by community
	Pudina	Mentha arvensisi		Temprate/ Sub- trophical			Chewing	Leaves,Bark			Gernerally, held by community
	Bangsangla	Litsaea umbrosa		Temprate/ Sub- trophical			Chewing	Oil,Fruit			Gernerally, held by community
	Dhoop	Jurines dedomiaes		Temprate/ Sub- trophical			Fumigate	Root			Gernerally, held by community
	Silex	Silex elba		Temprate/ Sub- trophical			Chewing	Bark,Stem, Leaves			Gernerally, held by community
	House chest nut	Aesculus		Temprate/ Sub- trophical			Chewing	Fruit,Bark			Gernerally, held by community

	Format 26: Timber Plants														
1	2	3	4	4	5	6	7	8							
Local Name	Scientific Name	Habitat	Local	Status	Other Uses, if any	Associated	Other Details	Community/ Knowledge Holder							
Local Name	Scientific Ivame	Habitat	Past	Present	Other Uses, if any	TK	Other Details	Community/ Knowledge Holder							
Chir	Pinus roxburghii	Sub-trophical	Abundent	Abundent	Resin/Timber	-	-	Gernerally, held by community							
Kail	Pinus wallichiana	Temperate	Abundent	Abundent	Timber			Gernerally, held by community							
Akhrot	Juglans regia	Sub-trophical	Rare	Rare	Fruit/Timber	-	-	Gernerally, held by community							
Kau	Olea cuspidata	Sub-trophical	Rare	Rare	Timber	-	-	Gernerally, held by community							
Banj	Quercus incana	Temprate	Rare	Rare	Fooder	-	-	Gernerally, held by community							
Mohru	Quercus Dilitata	Temprate	Rare	Rare	Fooder	-	-	Gernerally, held by community							

	Format 27 A: Coastal and Marine Flora														
1 2 3 4 5 6 7 8 9 10															
	Lacal Name		Habitat	Loca	ıl Status	Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/					
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated 1 K	Knowledge Holder					
	NIL														

				Form	at 27 B: (Coastal and Ma	rine Fauna							
1	1 2 3 4 5 6 7 8 9 10													
Animal Type	Local Nama	C. L. M. N.	Habitat	Local Status		Parts	Commercial Uses	Other Uses	Associated TK	Community/ Knowledge				
Animal Type	Local Name	Scientific Name	парцас	Past	Present	Collected (if any)	(if any)	Other Uses	Associated 1 K	Holder				
	NIL													

	Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)														
1	2	3	4	5	6		7	8	9	10	11	12			
Autoral Torre	Land Name	Caiantiffa Nama	Habitat	Description	Season when	Loca	l Status	Uses (if	Associated	Mode of Hunting,	Other	Community/			
Animal Type	Local Name	Scientific Name	Habitat	Description	seen	Past	Present	any)	TK	collecting (if any)	details	Knowledge Holder			
	Rech	Ursidae													
	Leopard	Panthera pardus													
	Monkey	Cercopithecidae													
	Langur	Semnopithecus													
	Bichu	Scorpiones													
	Rat	Rattus													
	Snake	Serpentes													

Format 29: Flora (Urban Biodiversity)

S.No.	Local Name	Scientific Name	Type of Plant	Habitat	Flowering Season	Rare/Common

Format 30: Fauna						
1	2	3	4	5	6	
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)	
Nil						

Note: Separate format should be used for road side plantation - habitat / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 31: Any other information of local importance						
1	2	3				
Sr. No.	Information of local importance	Remarks				